

*Concluded Magnitudes of R Carinæ.*

Date.	Mag.	Date.	Mag.	Date.	Mag.
1883, Sept. 30	8.5	1885, Jan. 4	9.1	1885, Sept. 6	9.2
„ Nov. 12	9.1	„ „ 12	9.0	„ Nov. 11	8.1
„ „ 19	9.2	„ „ 16	8.9	„ Dec. 16	6.8
„ Dec. 7	9.2	„ „ 30	8.6	„ „ 26	6.0
„ „ 18	9.1	„ Feb. 4	8.5	1886, Jan. 8	4.9
„ „ 25	9.1	„ „ 8	8.5	„ „ 12	5.1
1884, Jan. 3	9.1	„ „ 26	7.0	„ „ 26	4.6
„ „ 22	9.0	„ Mar. 15	6.4	„ „ 30	4.6
„ Mar. 18	8.5	„ Apr. 2	5.8	„ Feb. 4	4.7
„ „ 31	8.2	„ „ 11	5.7	„ „ 9	4.9
„ Apr. 14	7.2	„ „ 22	6.0	„ „ 11	5.1
„ „ 22	6.8	„ „ 23	6.0	„ „ 21	5.3
„ May 15	6.1	„ May 1	6.3	„ „ 25	5.3
„ „ 30	5.7	„ „ 3	6.4	„ Mar. 4	5.3
„ June 17	6.4	„ „ 16	6.4	„ „ 7	5.3
„ „ 26	6.5	„ June 3	7.3	„ „ 8	5.3
„ July 7	6.9	„ July 1	8.4	„ „ 14	5.6
„ „ 22	7.7	„ „ 25	8.7	„ „ 27	5.9
„ Dec. 12	9.2	„ Aug. 18	9.1	„ Apr. 1	6.3
„ „ 18	9.3	„ „ 31	9.2	„ „ 21	7.3

*Windsor, N. S. Wales :*

1886, May 1.

*Observation of Calliope, made at the Observatory, Düsseldorf.*  
By R. Luther.

*(Extract from a letter to Mr. Stone.)*

Mr. Hind's planet (22) *Calliope* has not been observed since 1874 (three times at Paris). I have made the following new observations of it:—

Mean time, Düsseldorf.	(22) <i>Calliope</i> (9.6 mag.)
1886, Sept. 18, 10 <sup>h</sup> 52 <sup>m</sup> 0 <sup>s</sup>	R.A. 23 58 16.49. Decl. — 22° 40' 41".8
parallactical correction — 0.07	+ 4.6
	6 comp. with Arg. Z. 269, N. 42

This observation may perhaps be useful to English observers.

*Düsseldorf: 1886, September 21.*

Observations of Comets, 1877 I., II., III., VI., 1880 III., 1882 III., and 1884 III., made at Dun Echt Observatory, with the 15-in. Refracting Telescope.

(Communicated by the Earl of Crawford and Balcarres.)

Comet 1877 I.

Date. 1877.	Dun Echt Mean Time. h m s	$\Delta\alpha$ m s	$\theta-\star$	$\Delta\delta$ "	$\alpha$ h m s	$\delta$ ° ' "	Star.	Observer.
Feb. 21	15 12 13.8	+0 52.30		+8 46.7	20 40 50.03	+74 58 2.3	a	R. C.
21	15 48 5.5	+0 13.00		-2 2.1	20 42 39.55	+75 3 17.5	b	R. C.
25	12 54 38.9	+1 41.36		-8 58.3	1 52 25.69	+74 45 36.6	c	R. C.
28	7 56 9.1	+0 2.03		-4 7.8	3 6 9.55	+68 31 13.4	d	R. C.
Mar. 4	9 49 55.1	-0 11.17		+2 48.1	3 45 3.56	+61 35 15.3	e	R. C. 6 meas.
4	10 27 44.9	-0 3.54		+0 42.8	3 45 11.19	+61 33 10.0	e	R. C. 2 meas.
18	10 11 2.8	+0 30.15		+1 19.0	4 23 26.25	+50 31 29.2	f	R. C.
19	11 59 48.3	+0 2.98		+1 43.2	4 25 0.29	+50 3 58.7	g	R. C.

Comet 1877 II.

April 18	15 40 40	+0 2.58		+2 20.5	22 22 5.79	+33 24 34.6	h	J. G. L. and R. C.
19	15 3 49	-0 26.53		+2 20.9	22 23 45.34	+35 8 1.8	i	R. C. 5 meas.
19	15 47 47	-0 23.32		+5 38.3	22 23 48.55	+35 11 19.2	i	J. G. L. 3 meas.
25	12 56 32	-0 14.09		+6 39.2	22 37 31.37	+46 37 57.6	k	J. G. L.
25	13 19 55	-0 10.96		+8 42.6	22 37 34.50	+46 40 1.0	k	R. C.
26	11 57 3	+1 7.23		-0 22.8	22 40 35.38	+48 38 47.2	l	R. C.